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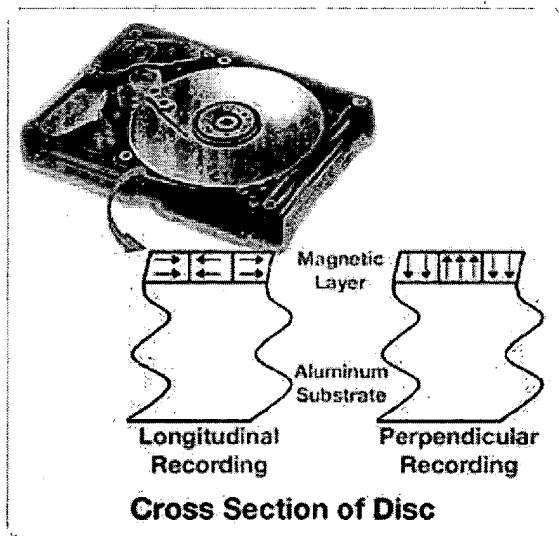


Figure 1

	Lubricant and Carbon Overcoat(s)
	Magnetic Layer(s)
	2 <sup>nd</sup> Ru-containing interlayer(s) deposited under high Ar gas pressure
	1 <sup>st</sup> Ru-containing interlayer(s) deposited under low Ar gas pressure
	Seed Layer(s)
	2 <sup>nd</sup> Soft Magnetic Layer(s)
	Spacer Layer(s)
	1 <sup>st</sup> Soft Magnetic Layer(s)
	Adhesion Enhancement Layer(s)
	Substrate

Figure 2

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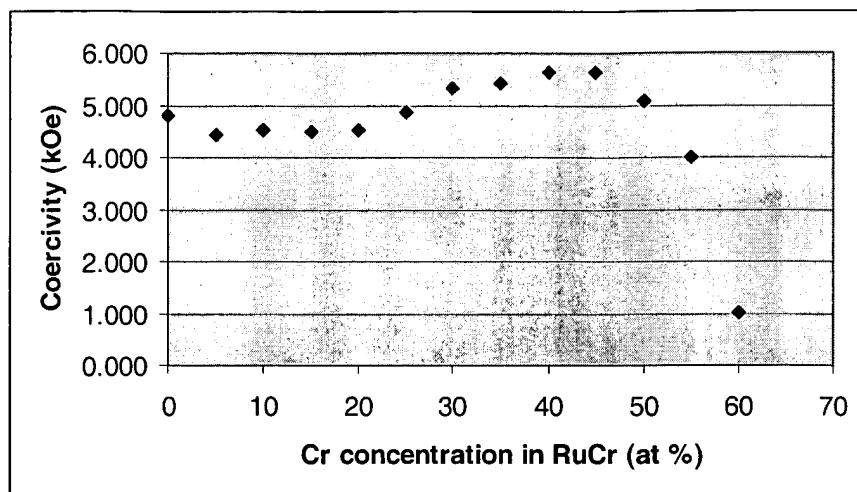
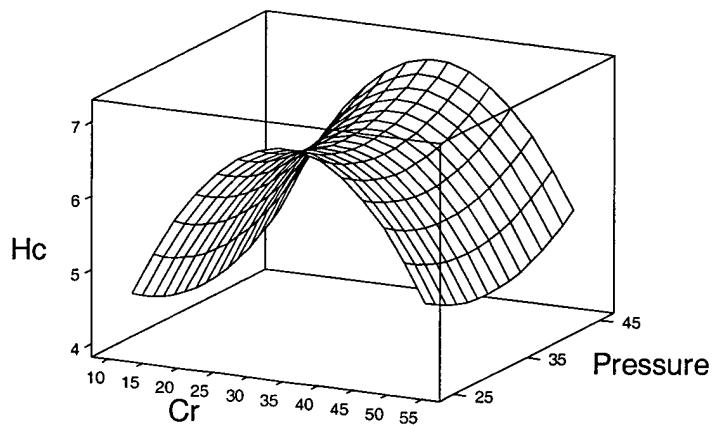


Figure 3

Surface Plot of Hc

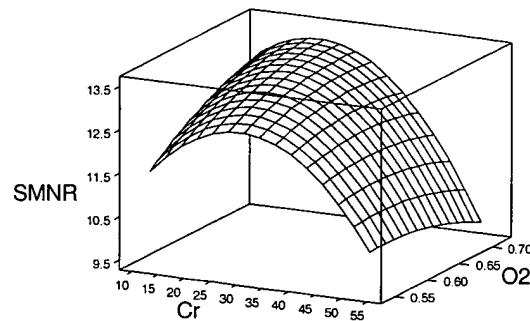
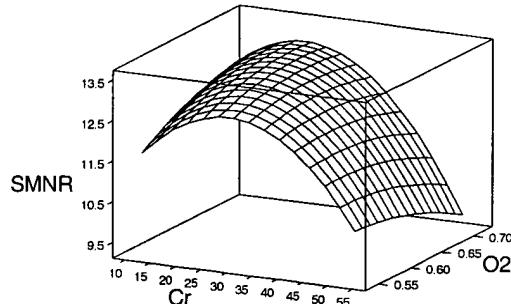


Hold values: O2: 0.6295

**Figure 4**

Surface Plot of SMNR

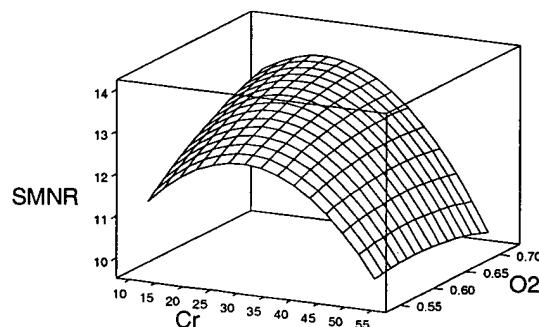
Surface Plot of SMNR



Hold values: FL: 35.0

Hold values: FL: 29.0

Surface Plot of SMNR



Hold values: FL: 41.0

**Figure 5**

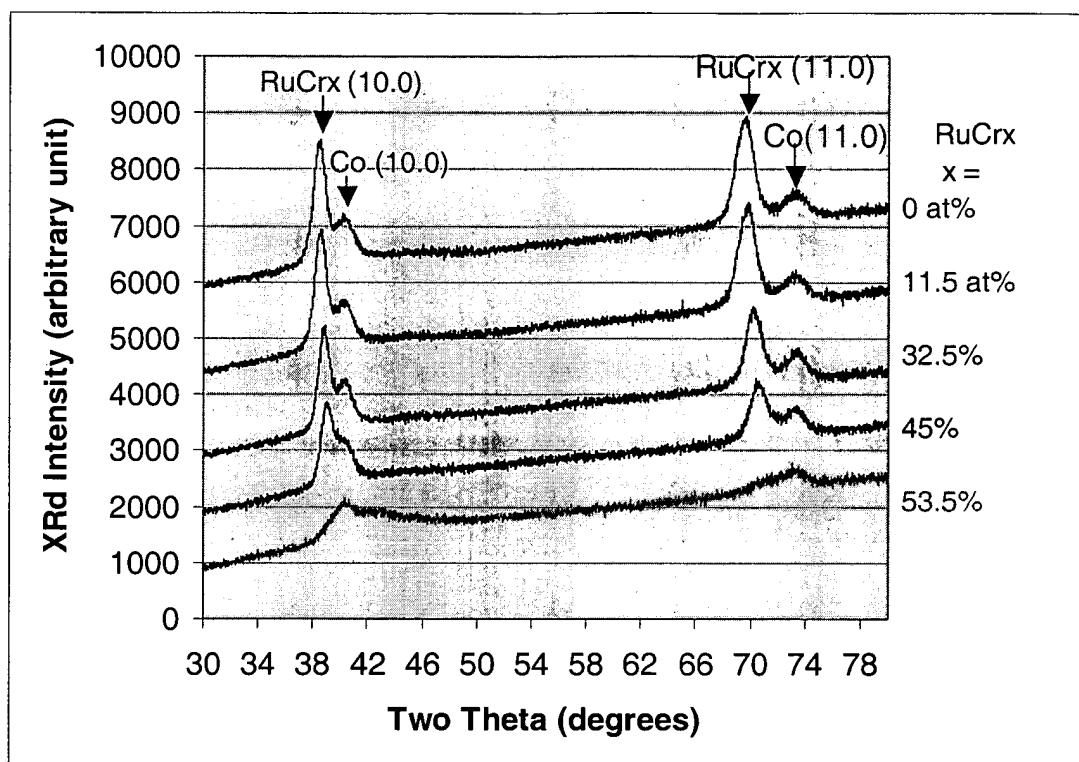


Figure 6

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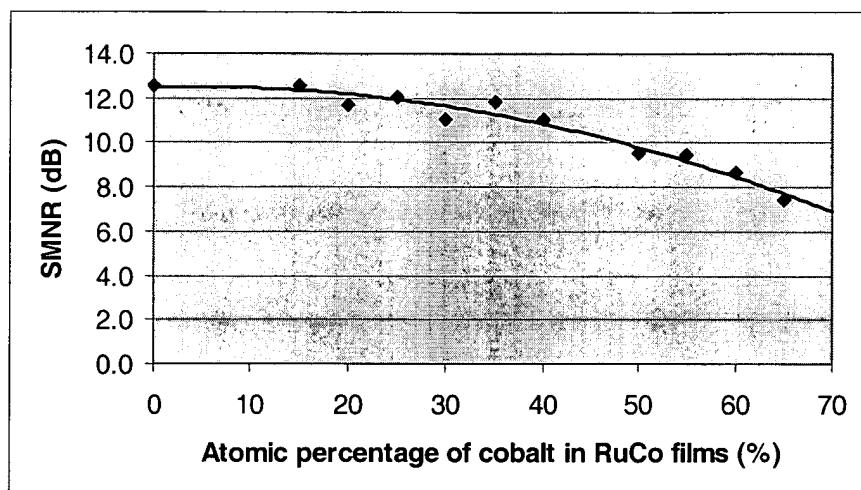


Figure 7

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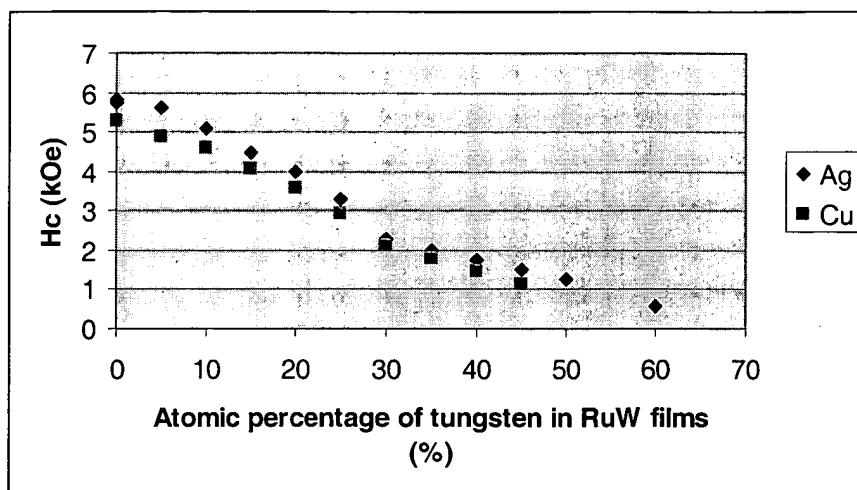


Figure 8

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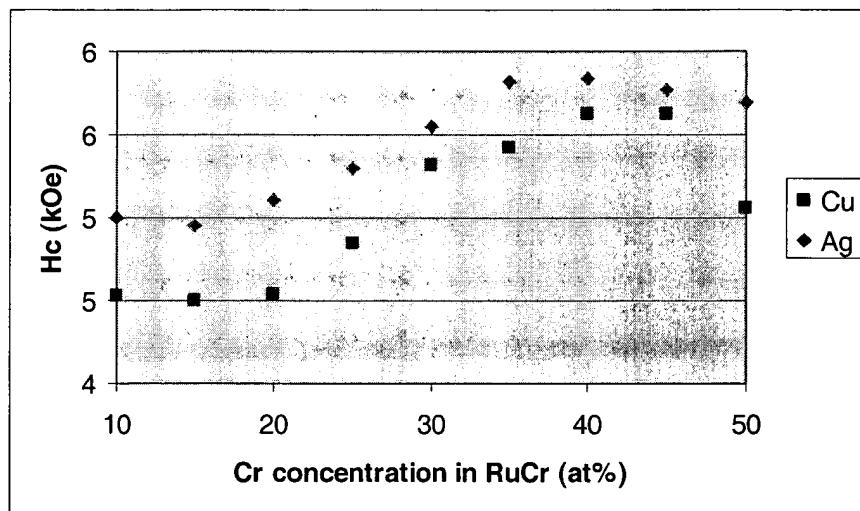


Figure 9